MS PATENT APPLICATION **COMMISSIONER OF PATENTS** P.O. BOX 1450

ALEXANDRIA, VA 22313-1450

Transmitted herewith for filing is the patent application of:

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Inventors:

Timothy E. DURHAM James J. RAWNICK

For:

REFLECTOR ANTENNA SYSTEM INCLUDING A PHASED ARRAY ANTENNA

1450.

I HEREBY CERTIFY THIS PAPER OR FEE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE"

PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-

SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED BELOW AND IS ADDRESSED TO: MS

PATENT APPLICATION, COMMISSIONER OF

EXPRESS MAIL NO: EV 301515748 US

DATE OF DEPOSIT: April 21, 2004

NAME: Justin Goree

SIGNATURE:

HAVING A FEED-THROUGH ZONE AND RELATED METHODS

Enclosed are:

Patent Application: <u>35</u> pages, <u>26</u> claims.

12 sheets of drawings.

The suggested drawing figure to be published is FIG. 1.

A declaration and power of attorney.

An assignment of the invention to Harris Corporation.

Citation Under 37 CFR 1.97 and PTO-1449.

Assignee info:

Name:

Harris Corporation 1025 West NASA Blvd.

Address:

Melbourne, Florida 32919

Corporation of the State of Delaware

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA	RATE	FEE		RATE	FEE
BASIC FEE					\$ 385	<u>OR</u>		\$ 770
TOTAL CLAIMS	26	-20	6	X 9	\$	<u>OR</u>	X 18	\$ 108
INDEP CLAIMS	4	- 3	1	X 43	\$	<u>OR</u>	X 86	\$ 86
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.				TOTAL	\$ ***		TOTAL	\$ 964

- [X] The Commissioner is authorized to charge the filing fee of \$964.00 and the assignment recordal fee of \$40.00 to Harris Corporation Deposit Account No. 08-0870.
- [X] The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Harris Corporation Deposit Account No. 08-0870.
- PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. [X] **REGAN**
- [X] Please associate this application with Customer No. 27975.

RADEMARK OFFICE

April 21, 2004

Date

IN F. WOODSON, II

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